

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14S42320001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **ARCOTT RD.**
 CROSSING: **KNOB CREEK**
 LOCATION: **3 MI S OF SR-52**

COUNTY: **CLAY**
 ROUTE: **01179**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.99**
 SUFFICIENCY RATING: **97.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.52405 DEGREES**
 (17a,b) LONGITUDE: **W 85.54137 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **5**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1976**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **39.0 FT**
 (49) TOTAL BRIDGE LENGTH: **185.4 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **29.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **32.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **29.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **06/2016**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14021090001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD GAMALIEL RD.**
 CROSSING: **LITTLE TRACE CREEK**
 LOCATION: **HERMITAGE SPRINGS AREA**

COUNTY: **CLAY**
 ROUTE: **02109**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.14**
 SUFFICIENCY RATING: **51.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.58083 DEGREES**
 (17a,b) LONGITUDE: **W 85.78083 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1979**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **37.4 FT**
 (49) TOTAL BRIDGE LENGTH: **112.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **19.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **6**
 (59) SUPERSTRUCTURE: **4**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **13 TONS**
 WEIGHT POSTING (3 OR MORE AXLES): **23 TONS**
 (70) BRIDGE POSTING CODE: **4**
 (41) WT POSTING STATUS: **WEIGHT POSTED**

APPRAISAL

(67) STRUCTURAL EVALUATION: **4**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **112.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$143,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$15,000.00**
 (96) TOTAL PROJECT COST: **\$215,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **04/2019**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **Y12**

PUBLICATION DATE
19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022510001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **PROCTOR CREEK RD.**
 CROSSING: **LITTLE PROCTOR CREEK**
 LOCATION: **.1 MI FROM SR 52**

COUNTY: **CLAY**
 ROUTE: **02251**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.53**
 SUFFICIENCY RATING: **93.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.56757 DEGREES**
 (17a,b) LONGITUDE: **W 85.51772 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **NOT APPLICABLE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **NOT APPLICABLE**
 B) TYPE MEMBRANE: **NOT APPLICABLE**
 C) TYPE PROTECTION: **NOT APPLICABLE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1950**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **8.9 FT**
 (49) TOTAL BRIDGE LENGTH: **45.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **60 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.2 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/17/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022510003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **PROCTOR CREEK RD.**
 CROSSING: **LITTLE PROCTOR CREEK**
 LOCATION: **4 MI FROM TN-KY STATE LN**

COUNTY: **CLAY**
 ROUTE: **02251**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.22**
 SUFFICIENCY RATING: **94.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.58715 DEGREES**
 (17a,b) LONGITUDE: **W 85.53287 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **11.5 FT**
 (49) TOTAL BRIDGE LENGTH: **24.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **30.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **25.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.2 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0N00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/2/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022510005**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **PROCTOR CREEK RD.**
 CROSSING: **LITTLE PROCTOR CREEK**
 LOCATION: **3 MI FROM TN-KY STATE LN**

COUNTY: **CLAY**
 ROUTE: **02251**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.52**
 SUFFICIENCY RATING: **95.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.59150 DEGREES**
 (17a,b) LONGITUDE: **W 85.53397 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **13.8 FT**
 (49) TOTAL BRIDGE LENGTH: **30.5 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **30.8 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **36.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **30.8 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **30.8 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/2/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022510007**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **PROCTOR CREEK RD.**
 CROSSING: **KETTLE CREEK**
 LOCATION: **1 MI FROM TN-KY STATE LN**

COUNTY: **CLAY**
 ROUTE: **02251**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.04**
 SUFFICIENCY RATING: **92.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.60807 DEGREES**
 (17a,b) LONGITUDE: **W 85.51877 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **NOT APPLICABLE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **NOT APPLICABLE**
 B) TYPE MEMBRANE: **NOT APPLICABLE**
 C) TYPE PROTECTION: **NOT APPLICABLE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1963**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **27.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **12 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **NONN**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/2/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022550001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CLEMENTSVILLE KY. RD.**
 CROSSING: **LINE CREEK**
 LOCATION: **1 MI NORTH OF SR 52**

COUNTY: **CLAY**
 ROUTE: **02255**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.20**
 SUFFICIENCY RATING: **75.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.60922 DEGREES**
 (17a,b) LONGITUDE: **W 85.71388 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **1**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1950**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **1988**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **19.7 FT**
 (49) TOTAL BRIDGE LENGTH: **19.7 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **NO**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **OTHER STRUCTURAL WORK**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/10/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022550003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **CLEMENTSVILLE KY. RD.**
 CROSSING: **HURRICANE CREEK**
 LOCATION: **.2 MI NORTH OF SR52**

COUNTY: **CLAY**
 ROUTE: **02255**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.21**
 SUFFICIENCY RATING: **76.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.59965 DEGREES**
 (17a,b) LONGITUDE: **W 85.70280 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **20.0 FT**
 (49) TOTAL BRIDGE LENGTH: **65.3 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **60 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL MINOR COLLECTOR**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **OTHER STRUCTURAL WORK**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/10/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0100001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LITTLE TRACE CREEK RD.**
 CROSSING: **LITTLE TRACE CREEK**
 LOCATION: **2.1 MI NORTH OF SR 52**

COUNTY: **CLAY**
 ROUTE: **0A010**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.87**
 SUFFICIENCY RATING: **95.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.60575 DEGREES**
 (17a,b) LONGITUDE: **W 85.77165 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.4 FT**
 (49) TOTAL BRIDGE LENGTH: **33.8 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **25.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **29.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0170001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **HOMER BRAY RD.**
 CROSSING: **LINE CREEK**
 LOCATION: **2.2 MI NORTH OF SR 52**

COUNTY: **CLAY**
 ROUTE: **0A017**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.02**
 SUFFICIENCY RATING: **82.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.60790 DEGREES**
 (17a,b) LONGITUDE: **W 85.76967 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **1**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2017**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **108.3 FT**
 (49) TOTAL BRIDGE LENGTH: **108.3 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.3 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **7 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **137.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$943,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$95,000.00**
 (96) TOTAL PROJECT COST: **\$1,415,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0180001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **COPASS YORK RD.**
 CROSSING: **LINE CREEK**
 LOCATION: **3 MI NORTH OF SR 52**

COUNTY: **CLAY**
 ROUTE: **0A018**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.06**
 SUFFICIENCY RATING: **79.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.60887 DEGREES**
 (17a,b) LONGITUDE: **W 85.75433 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1979**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **39.7 FT**
 (49) TOTAL BRIDGE LENGTH: **120.4 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **11.8 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.8 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **3**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **U**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **120.4 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$327,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$33,000.00**
 (96) TOTAL PROJECT COST: **\$491,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE
19-Mar-20

**NATIONAL BRIDGE INVENTORY
TENNESSEE INVENTORY AND APPRAISAL REPORT**



BRIDGE ID NUMBER: **140A0190001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LINE CREEK RD.**
 CROSSING: **LINE CREEK**
 LOCATION: **2 MI NORTH OF SR 52**

COUNTY: **CLAY**
 ROUTE: **0A019**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.14**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.60688 DEGREES**
 (17a,b) LONGITUDE: **W 85.74612 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **48.6 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **5 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0460001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **MCFARLAND RD.**
 CROSSING: **SPRING CREEK**
 LOCATION: **.1 MI FM TN-KY STATE LINE**

COUNTY: **CLAY**
 ROUTE: **0A046**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.52**
 SUFFICIENCY RATING: **91.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.61613 DEGREES**
 (17a,b) LONGITUDE: **W 85.58713 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1991**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.4 FT**
 (49) TOTAL BRIDGE LENGTH: **57.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **34.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/10/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0520001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **EVERETTE MCCLERRAN RD.**
 CROSSING: **NEW HOPE BRANCH**
 LOCATION: **.1 MI FROM SR52**

COUNTY: **CLAY**
 ROUTE: **0A052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.05**
 SUFFICIENCY RATING: **91.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.57280 DEGREES**
 (17a,b) LONGITUDE: **W 85.54220 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **10.2 FT**
 (49) TOTAL BRIDGE LENGTH: **33.8 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **29.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **19.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **10 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0N00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/3/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0520003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **EVERETTE MCCLERRAN RD.**
 CROSSING: **PROCTOR CREEK**
 LOCATION: **.1 MI FEOM SR 52**

COUNTY: **CLAY**
 ROUTE: **0A052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.15**
 SUFFICIENCY RATING: **91.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.57137 DEGREES**
 (17a,b) LONGITUDE: **W 85.54215 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1992**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.1 FT**
 (49) TOTAL BRIDGE LENGTH: **56.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **21.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **16.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/3/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0530001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **JOHN BUTLER RD.**
 CROSSING: **PROCTOR BRANCH**
 LOCATION: **.1 MI FROM SR 52**

COUNTY: **CLAY**
 ROUTE: **0A053**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.16**
 SUFFICIENCY RATING: **9.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.57040 DEGREES**
 (17a,b) LONGITUDE: **W 85.53965 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1950**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **29.9 FT**
 (49) TOTAL BRIDGE LENGTH: **60.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **12.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **13.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.1 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **4**
 (59) SUPERSTRUCTURE: **4**
 (60) SUBSTRUCTURE: **4**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **7 TONS**
 WEIGHT POSTING (3 OR MORE AXLES): **13 TONS**
 (70) BRIDGE POSTING CODE: **3**
 (41) WT POSTING STATUS: **WEIGHT POSTED**

APPRAISAL

(67) STRUCTURAL EVALUATION: **4**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **2**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **83.7 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$441,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$45,000.00**
 (96) TOTAL PROJECT COST: **\$662,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/10/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0540001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **KNOB CREEK RD.**
 CROSSING: **KNOB CREEK**
 LOCATION: **3 MI EAST OF FAS 1179**

COUNTY: **CLAY**
 ROUTE: **0A054**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.52**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.54237 DEGREES**
 (17a,b) LONGITUDE: **W 85.55502 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.4 FT**
 (49) TOTAL BRIDGE LENGTH: **56.4 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0550001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **TURKEY CREEK RD.**
 CROSSING: **DRY CREEK**
 LOCATION: **6 MI SOUTH OF SR 52**

COUNTY: **CLAY**
 ROUTE: **0A055**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.09**
 SUFFICIENCY RATING: **88.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.51837 DEGREES**
 (17a,b) LONGITUDE: **W 85.57710 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1993**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **21.0 FT**
 (49) TOTAL BRIDGE LENGTH: **46.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0570001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **HAPPY RIDGE RD.**
 CROSSING: **BRIMSTONE CREEK**
 LOCATION: **2 MI FROM JACKSON CO LINE**

COUNTY: **CLAY**
 ROUTE: **0A057**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.05**
 SUFFICIENCY RATING: **96.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.50223 DEGREES**
 (17a,b) LONGITUDE: **W 85.63922 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **42.0 FT**
 (49) TOTAL BRIDGE LENGTH: **124.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **5**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/2/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0580001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **DRY CREEK RD.**
 CROSSING: **DRY CREEK**
 LOCATION: **4 MI FROM MIDWAY ROAD**

COUNTY: **CLAY**
 ROUTE: **0A058**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.21**
 SUFFICIENCY RATING: **95.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.52957 DEGREES**
 (17a,b) LONGITUDE: **W 85.58862 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1997**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **21.0 FT**
 (49) TOTAL BRIDGE LENGTH: **45.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **27.2 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **31.8 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **46 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0N00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0580003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **DRY CREEK RD.**
 CROSSING: **DRY CREEK**
 LOCATION: **4.1 MI FROM MIDWAY ROAD**

COUNTY: **CLAY**
 ROUTE: **0A058**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.68**
 SUFFICIENCY RATING: **93.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.52327 DEGREES**
 (17a,b) LONGITUDE: **W 85.58568 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **1**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **20.7 FT**
 (49) TOTAL BRIDGE LENGTH: **21.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE
19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0580005**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **DRY CREEK RD.**
 CROSSING: **BRANCH**
 LOCATION: **4.2 MI FROM MIDWAY ROAD**

COUNTY: **CLAY**
 ROUTE: **0A058**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.67**
 SUFFICIENCY RATING: **96.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.52045 DEGREES**
 (17a,b) LONGITUDE: **W 85.55687 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **23.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0600001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **TURKEY CREEK RD.**
 CROSSING: **TURKEY CREEK**
 LOCATION: **.4 MI FM TURKEY CREEK RD**

COUNTY: **CLAY**
 ROUTE: **0A060**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.28**
 SUFFICIENCY RATING: **98.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49685 DEGREES**
 (17a,b) LONGITUDE: **W 85.58578 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1994**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **21.0 FT**
 (49) TOTAL BRIDGE LENGTH: **48.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **5**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A0600003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **TURKEY CREEK RD.**
 CROSSING: **TURKEY CREEK**
 LOCATION: **.3 MI FM TURKEY CREEK RD**

COUNTY: **CLAY**
 ROUTE: **0A060**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.49**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49993 DEGREES**
 (17a,b) LONGITUDE: **W 85.58598 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1997**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **17.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A1070001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **TERRY ODEL RD.**
 CROSSING: **LITTLE TRACE CREEK**
 LOCATION: **2 MI FROM UNION HILL**

COUNTY: **CLAY**
 ROUTE: **0A107**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.03**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.56183 DEGREES**
 (17a,b) LONGITUDE: **W 85.70268 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **NOT APPLICABLE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **NOT APPLICABLE**
 B) TYPE MEMBRANE: **NOT APPLICABLE**
 C) TYPE PROTECTION: **NOT APPLICABLE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **34.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **23.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A1100001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **HENSON RD.**
 CROSSING: **LITTLE TRACE CREEK**
 LOCATION: **2.1 MI FROM SR 52**

COUNTY: **CLAY**
 ROUTE: **0A110**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.43**
 SUFFICIENCY RATING: **94.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.57153 DEGREES**
 (17a,b) LONGITUDE: **W 85.71617 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **NOT APPLICABLE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **NOT APPLICABLE**
 B) TYPE MEMBRANE: **NOT APPLICABLE**
 C) TYPE PROTECTION: **NOT APPLICABLE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **49.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A1450001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **WILSON RD.**
 CROSSING: **TRACE CREEK**
 LOCATION: **1.5 MI FROM SR 52**

COUNTY: **CLAY**
 ROUTE: **0A145**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.54**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.56002 DEGREES**
 (17a,b) LONGITUDE: **W 85.77940 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1985**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **47.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A1540001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **DOC KEY RD.**
 CROSSING: **NEELY CREEK**
 LOCATION: **1.8 MI NORTH OF SR 53**

COUNTY: **CLAY**
 ROUTE: **0A154**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.03**
 SUFFICIENCY RATING: **91.6**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.56697 DEGREES**
 (17a,b) LONGITUDE: **W 85.46795 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **33.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **21.7 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **28.5 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **21.7 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520015**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **POOR HOUSE RD.**
 CROSSING: **POOR HOUSE RD / SR 52**
 LOCATION: **POOR HOUSE ROAD**

COUNTY: **CLAY**
 ROUTE: **0A206**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.14**
 SUFFICIENCY RATING: **65.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.51108 DEGREES**
 (17a,b) LONGITUDE: **W 85.46743 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **4**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **114.8 FT**
 (49) TOTAL BRIDGE LENGTH: **229.7 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **28.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **31.8 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **28.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **20 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **28.9 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **25 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **10.5 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **8.53 FT**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **N**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **5**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **OTHER STRUCTURAL WORK**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/9/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **/**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2100001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **WET MILL CREEK RD.**
 CROSSING: **BURCHARD BRANCH**
 LOCATION: **3 MI SOUTH OF SR 53**

COUNTY: **CLAY**
 ROUTE: **0A210**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.13**
 SUFFICIENCY RATING: **87.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49100 DEGREES**
 (17a,b) LONGITUDE: **W 85.50253 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **24.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **26.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **31.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **21.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **26.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/10/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2100003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **WET MILL CREEK RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **1.5 MI FROM OVERTON CO LN**

COUNTY: **CLAY**
 ROUTE: **0A210**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **7.30**
 SUFFICIENCY RATING: **54.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.48332 DEGREES**
 (17a,b) LONGITUDE: **W 85.45902 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **GRAVEL**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1941**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **30.8 FT**
 (49) TOTAL BRIDGE LENGTH: **65.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **18 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **21.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **27.9 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **17.7 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **4**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **10 TONS**
 WEIGHT POSTING (3 OR MORE AXLES): **18 TONS**
 (70) BRIDGE POSTING CODE: **4**
 (41) WT POSTING STATUS: **WEIGHT POSTED**

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING WITH DECK REPAIR OR REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **65.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$115,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$12,000.00**
 (96) TOTAL PROJECT COST: **\$173,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE
19-Mar-20

**PRODUCED PURSUANT TO
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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2100005**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **WET MILL CREEK RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **1 MI FROM OVERTON CO LN**

COUNTY: **CLAY**
 ROUTE: **0A210**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **7.82**
 SUFFICIENCY RATING: **91.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.48862 DEGREES**
 (17a,b) LONGITUDE: **W 85.46445 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1987**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **48.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **18.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/9/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2110001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **SYCAMORE HOLLOW RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **.1 MI FROM OVERTON CO LN**

COUNTY: **CLAY**
 ROUTE: **0A211**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.59**
 SUFFICIENCY RATING: **93.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.47447 DEGREES**
 (17a,b) LONGITUDE: **W 85.47228 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2000**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **21.3 FT**
 (49) TOTAL BRIDGE LENGTH: **67.3 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **14.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1N11**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/10/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2120001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BILLIE HILL RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **.1MI FM STANDING STONE PK**

COUNTY: **CLAY**
 ROUTE: **0A212**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.13**
 SUFFICIENCY RATING: **77.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.48028 DEGREES**
 (17a,b) LONGITUDE: **W 85.49398 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1978**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **29.9 FT**
 (49) TOTAL BRIDGE LENGTH: **89.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **12.1 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **14.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.8 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **89.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$249,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$25,000.00**
 (96) TOTAL PROJECT COST: **\$374,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE
19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2130001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OIL HOLLOW RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **.2 MI W OF STATE PARK**

COUNTY: **CLAY**
 ROUTE: **0A213**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.01**
 SUFFICIENCY RATING: **92.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.48305 DEGREES**
 (17a,b) LONGITUDE: **W 85.50138 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**
 (49) TOTAL BRIDGE LENGTH: **57.7 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **25.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **15.4 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/9/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2150001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **W. E. PHILLIPS RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **2.5 MI FROM SR 53**

COUNTY: **CLAY**
 ROUTE: **0A215**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.06**
 SUFFICIENCY RATING: **15.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49528 DEGREES**
 (17a,b) LONGITUDE: **W 85.50945 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1940**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **22.6 FT**
 (49) TOTAL BRIDGE LENGTH: **53.8 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **11.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **12.1 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **8.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.1 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **5 TONS**
 WEIGHT POSTING (3 OR MORE AXLES): **5 TONS**
 (70) BRIDGE POSTING CODE: **3**
 (41) WT POSTING STATUS: **WEIGHT POSTED**

APPRAISAL

(67) STRUCTURAL EVALUATION: **3**
 (68) DECK GEOMETRY: **3**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **3**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **76.4 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$400,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$41,000.00**
 (96) TOTAL PROJECT COST: **\$601,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/30/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2190001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **COPELAND LN.**
 CROSSING: **MILL CREEK**
 LOCATION: **.1 MI FROM SR 53**

COUNTY: **CLAY**
 ROUTE: **0A219**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.04**
 SUFFICIENCY RATING: **91.5**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49435 DEGREES**
 (17a,b) LONGITUDE: **W 85.55053 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **1**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **74.1 FT**
 (49) TOTAL BRIDGE LENGTH: **76.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **8**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/17/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE
19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2240001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **TICK RD.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **2 MI FROM SR 53**

COUNTY: **CLAY**
 ROUTE: **0A224**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.24**
 SUFFICIENCY RATING: **80.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.46945 DEGREES**
 (17a,b) LONGITUDE: **W 85.53995 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **49.9 FT**
 (49) TOTAL BRIDGE LENGTH: **103.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **12.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **15.7 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **12.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **12.1 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **U**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2250001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **TURKEYTOWN RD.**
 CROSSING: **RIGHT FORK CREEK**
 LOCATION: **4 MI FROM OVERTON CO LINE**

COUNTY: **CLAY**
 ROUTE: **0A225**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.86**
 SUFFICIENCY RATING: **96.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.46472 DEGREES**
 (17a,b) LONGITUDE: **W 85.52722 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**
 (49) TOTAL BRIDGE LENGTH: **60.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.3 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A2300001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **WEAVER BOTTOM RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **.1 MI FROM SR 53**

COUNTY: **CLAY**
 ROUTE: **0A230**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.08**
 SUFFICIENCY RATING: **73.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49450 DEGREES**
 (17a,b) LONGITUDE: **W 85.56180 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1985**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **68.9 FT**
 (49) TOTAL BRIDGE LENGTH: **208.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **22.0 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **208 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$323,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$33,000.00**
 (96) TOTAL PROJECT COST: **\$485,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/11/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **06/2016**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE
19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A350001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **LEONARD RD.**
 CROSSING: **TRACE CREEK**
 LOCATION: **1.1 MI FROM MACON CO LINE**

COUNTY: **CLAY**
 ROUTE: **0A350**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.64**
 SUFFICIENCY RATING: **97.0**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.53888 DEGREES**
 (17a,b) LONGITUDE: **W 85.78333 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **15.1 FT**
 (49) TOTAL BRIDGE LENGTH: **49.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.2 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A3500003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **MACK BEAN RD.**
 CROSSING: **BEAN BRANCH**
 LOCATION: **3MI SOUTHEAST OF SR52**

COUNTY: **CLAY**
 ROUTE: **0A350**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.74**
 SUFFICIENCY RATING: **92.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.54472 DEGREES**
 (17a,b) LONGITUDE: **W 85.76695 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1986**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **26.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24.3 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **23.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/18/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **140A5010001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **KENNETH EADS RD.**
 CROSSING: **MILL CREEK**
 LOCATION: **4 MI SOUTH OF CELINA**

COUNTY: **CLAY**
 ROUTE: **0A501**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.01**
 SUFFICIENCY RATING: **25.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49772 DEGREES**
 (17a,b) LONGITUDE: **W 85.53148 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1950**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **25.9 FT**
 (49) TOTAL BRIDGE LENGTH: **55.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **11.5 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **11.8 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **8.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **11.5 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **OTHER OR UNKNOWN**
 WEIGHT POSTING (2 AXLE VEHICLES): **4 TONS**
 WEIGHT POSTING (3 OR MORE AXLES): **4 TONS**
 (70) BRIDGE POSTING CODE: **3**
 (41) WT POSTING STATUS: **WEIGHT POSTED**

APPRAISAL

(67) STRUCTURAL EVALUATION: **3**
 (68) DECK GEOMETRY: **3**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **77.8 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$410,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$42,000.00**
 (96) TOTAL PROJECT COST: **\$616,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022520001**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BRIMSTONE CREEK RD.**
 CROSSING: **BRIMSTONE CREEK**
 LOCATION: **1.1 MI FROM JACKSON CO LN**

COUNTY: **CLAY**
 ROUTE: **0A593**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.31**
 SUFFICIENCY RATING: **97.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.48917 DEGREES**
 (17a,b) LONGITUDE: **W 85.62527 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2015**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **1**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **59.1 FT**
 (49) TOTAL BRIDGE LENGTH: **118.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **18 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **20.3 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **9.8 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **15 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **18.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **ONE LANE BRIDGE FOR 2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/2/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14022520003**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BRIMSTONE CREEK RD.**
 CROSSING: **BRIMSTONE CREEK**
 LOCATION: **3.1 MI FROM JACKSON CO LN**

COUNTY: **CLAY**
 ROUTE: **0A593**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **3.42**
 SUFFICIENCY RATING: **87.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.51057 DEGREES**
 (17a,b) LONGITUDE: **W 85.64175 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **UNKNOWN**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1991**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **17.1 FT**
 (49) TOTAL BRIDGE LENGTH: **55.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **30.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **24.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/17/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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**NATIONAL BRIDGE INVENTORY
TENNESSEE INVENTORY AND APPRAISAL REPORT**



BRIDGE ID NUMBER: **14022520005**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **BRIMSTONE CREEK RD.**
 CROSSING: **LEFT FORK BRIMSTONE CREE**
 LOCATION: **5MI SOUTH OF SR52**

COUNTY: **CLAY**
 ROUTE: **0A593**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **5.81**
 SUFFICIENCY RATING: **82.2**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.53682 DEGREES**
 (17a,b) LONGITUDE: **W 85.64893 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1984**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **12.1 FT**
 (49) TOTAL BRIDGE LENGTH: **44.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **22.6 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **26.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **19.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **22.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **ON00**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/17/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520021**
 BRIDGE OWNER: **CLAY COUNTY**
 FIPS CODE: **00000**
 ROAD NAME: **OLD LIVINGSTON HWY.**
 CROSSING: **SHANKEY CREEK**
 LOCATION: **1.0 M.I.S.OF CELINA**

COUNTY: **CLAY**
 ROUTE: **0A863**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **0.92**
 SUFFICIENCY RATING: **96.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.52452 DEGREES**
 (17a,b) LONGITUDE: **W 85.49527 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2008**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **14.4 FT**
 (49) TOTAL BRIDGE LENGTH: **28.5 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **31.8 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **40 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **30.8 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **31.8 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **LOCAL RURAL ROAD**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **6**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1N11**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/9/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **CLAY COUNTY HWY.**
 CROSSING: **TRACE CREEK**
 LOCATION: **2 MI.EAST OF MACON CO.**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.25**
 SUFFICIENCY RATING: **53.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.57592 DEGREES**
 (17a,b) LONGITUDE: **W 85.78027 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1970**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **42.0 FT**
 (49) TOTAL BRIDGE LENGTH: **126.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **27.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **32.8 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **20 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **25.6 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44 +MOD**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **2**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **1111**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **126 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$394,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$40,000.00**
 (96) TOTAL PROJECT COST: **\$592,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/5/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE
19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **CLAY COUNTY HWY.**
 CROSSING: **LITTLE TRACE CREEK**
 LOCATION: **2.2 MI.W.OF OAK GROVE**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **4.69**
 SUFFICIENCY RATING: **87.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.59167 DEGREES**
 (17a,b) LONGITUDE: **W 85.74463 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1996**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **46.9 FT**
 (49) TOTAL BRIDGE LENGTH: **141.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **44 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **47.2 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **40 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **44.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **6**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **7**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **1001**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/5/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **CLAY COUNTY HWY.**
 CROSSING: **HURRICANE CREEK**
 LOCATION: **7 MI.EAST OF CLAY CO.**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **7.16**
 SUFFICIENCY RATING: **56.8**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.59757 DEGREES**
 (17a,b) LONGITUDE: **W 85.70158 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **1**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1939**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **29.9 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **24 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **24.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **29.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **24.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **6**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-15-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **000N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REPLACEMENT**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **54.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$397,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$40,000.00**
 (96) TOTAL PROJECT COST: **\$596,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/16/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520007**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **CLAY COUNTY HWY.**
 CROSSING: **NEW HOPE CREEK**
 LOCATION: **2.36 MI.W.OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **17.13**
 SUFFICIENCY RATING: **81.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.57420 DEGREES**
 (17a,b) LONGITUDE: **W 85.54342 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1999**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **18.0 FT**
 (49) TOTAL BRIDGE LENGTH: **65.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **48.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **56.4 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **49.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **30 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **48.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **4**
 (62) CULVERT CONDITION (IF APPLICABLE): **6**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **6**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **NONN**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/5/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520009**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **CLAY COUNTY HWY.**
 CROSSING: **PROCTOR CREEK**
 LOCATION: **1.14 MI.W.OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **18.56**
 SUFFICIENCY RATING: **82.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.56367 DEGREES**
 (17a,b) LONGITUDE: **W 85.52177 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2010**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **80.4 FT**
 (49) TOTAL BRIDGE LENGTH: **239.8 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **47.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **49.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **47.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **27 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **47.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **5**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **111N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/5/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520011**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **CLAY COUNTY HWY.**
 CROSSING: **CUMBERLAND RIVER**
 LOCATION: **.3 MI FROM SR53**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **19.32**
 SUFFICIENCY RATING: **82.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.55470 DEGREES**
 (17a,b) LONGITUDE: **W 85.51518 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **5**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **283.1 FT**
 (49) TOTAL BRIDGE LENGTH: **958.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **47.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **49.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **47.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NAVIGATION CONTROLLED WATERWAY**
 (39) NAVIGATION VERTICAL CLEARANCE: **39.7 FT**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **269.7 FT**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **9**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **100N**
 (113) SCOUR CONDITION RATING: **5**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/4/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **08/2016**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520013**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **12100**
 ROAD NAME: **DOW AVE.**
 CROSSING: **OVERFLOW & KYLE ST (A290)**
 LOCATION: **IN CELINA**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **19.63**
 SUFFICIENCY RATING: **70.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.55220 DEGREES**
 (17a,b) LONGITUDE: **W 85.51042 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **5**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE PRECAST PANELS**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1987**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY-WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **2**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **62.0 FT**
 (49) TOTAL BRIDGE LENGTH: **306.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **47.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **49.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **47.9 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **19.91 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **8.53 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **6**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **5**
 (71) WATERWAY ADEQUACY: **9**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **100N**
 (113) SCOUR CONDITION RATING: **9**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **OTHER STRUCTURAL WORK**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/5/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **/**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520017**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LIVINGSTON HWY.**
 CROSSING: **WET WEATHER BRANCH**
 LOCATION: **1.14 MI.W.OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **20.79**
 SUFFICIENCY RATING: **83.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.50862 DEGREES**
 (17a,b) LONGITUDE: **W 85.46395 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **140.1 FT**
 (49) TOTAL BRIDGE LENGTH: **419.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **41 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **43.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.4 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **1 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **41.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **7**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **111N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/9/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520018**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LIVINGSTON HWY.**
 CROSSING: **WET WEATHER BRANCH**
 LOCATION: **1.14 MI.W.OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **20.79**
 SUFFICIENCY RATING: **83.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.50880 DEGREES**
 (17a,b) LONGITUDE: **W 85.46380 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **141.1 FT**
 (49) TOTAL BRIDGE LENGTH: **420.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **41 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **43.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.4 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **1 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **41.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **BRIDGE IS NOT ELIGIBLE FOR THE NATIONAL REGISTER**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **7**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **111N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/9/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520019**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LIVINGSTON HWY.**
 CROSSING: **SR-52 / WET MILL CR. RD.**
 LOCATION: **SE OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **22.05**
 SUFFICIENCY RATING: **81.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.50153 DEGREES**
 (17a,b) LONGITUDE: **W 85.45002 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **4**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **2**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **125.3 FT**
 (49) TOTAL BRIDGE LENGTH: **460.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **41 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **43.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.4 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **41.0 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **85.33 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **3.94 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **RIGHT LANE BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **7**
 (60) SUBSTRUCTURE: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **7**
 (69) UNDERCLEARANCE RATING: **4**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **111N**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/16/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **/**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0520020**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **LIVINGSTON HWY.**
 CROSSING: **SR-52 / WET MILL CR. RD.**
 LOCATION: **SE OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR052**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **22.05**
 SUFFICIENCY RATING: **81.9**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.50173 DEGREES**
 (17a,b) LONGITUDE: **W 85.45017 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **PRESTRESSED CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **4**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **EPOXY COATED REINFORCING**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **2013**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **HIGHWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **2**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **125.3 FT**
 (49) TOTAL BRIDGE LENGTH: **460.0 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **41 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **43.6 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.4 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **41.0 FT**
 (54a) VERT UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (54b) MIN VERTICAL UNDERCLEARANCE: **85.01 FT**
 (55a) HORZ UNDERCLR: **HIGHWAY BENEATH BRIDGE**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **4.92 FT**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL EXPRESSWAY**
 (101) PARALLEL BRIDGE: **LEFT LANE BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **8**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HL-93**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **7**
 (69) UNDERCLEARANCE RATING: **4**
 (71) WATERWAY ADEQUACY: **N**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **111N**
 (113) SCOUR CONDITION RATING: **N**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/16/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **/**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0530001**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **GAINESBORO HWY.**
 CROSSING: **DRY FORK CREEK**
 LOCATION: **1.38 MI.N.OF JACKSON CO.**

COUNTY: **CLAY**
 ROUTE: **SR053**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **1.35**
 SUFFICIENCY RATING: **72.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.48315 DEGREES**
 (17a,b) LONGITUDE: **W 85.56218 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **CONCRETE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **2**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1961**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **44.9 FT**
 (49) TOTAL BRIDGE LENGTH: **170.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **36.1 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **6**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **5**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **3**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **170.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$877,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$88,000.00**
 (96) TOTAL PROJECT COST: **\$1,316,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/5/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **05/2017**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0530003**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **GAINESBORO HWY.**
 CROSSING: **MILL CREEK**
 LOCATION: **2.53 MI.N.OF JACKSON CO.**

COUNTY: **CLAY**
 ROUTE: **SR053**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **2.50**
 SUFFICIENCY RATING: **47.3**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.49815 DEGREES**
 (17a,b) LONGITUDE: **W 85.55650 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **CONCRETE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **2**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **MONOLITHIC CONCRETE**
 B) TYPE MEMBRANE: **NONE**
 C) TYPE PROTECTION: **POLYMER PROTECTION**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1961**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **44.9 FT**
 (49) TOTAL BRIDGE LENGTH: **170.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **27.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **34.4 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **38.1 FT**

(33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **27.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **6**
 (59) SUPERSTRUCTURE: **5**
 (60) SUBSTRUCTURE: **5**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN, POSTING ORDERED**

APPRAISAL

(67) STRUCTURAL EVALUATION: **5**
 (68) DECK GEOMETRY: **4**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **6**
 (36) TRAFFIC SAFETY FEATURES: **000N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE WIDENING (NO DECK REPAIRS NEEDED)**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **170.9 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$319,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$32,000.00**
 (96) TOTAL PROJECT COST: **\$479,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2019**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/4/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE
19-Mar-20

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NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0530005**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **GAINESBORO HWY.**
 CROSSING: **SHANKEY CREEK**
 LOCATION: **.76 MI.S.OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR053**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **6.03**
 SUFFICIENCY RATING: **82.1**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.52762 DEGREES**
 (17a,b) LONGITUDE: **W 85.52148 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **NOT APPLICABLE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **NOT APPLICABLE**
 B) TYPE MEMBRANE: **NOT APPLICABLE**
 C) TYPE PROTECTION: **NOT APPLICABLE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1974**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **32.2 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **44.0 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **44.0 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **H-10-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **0000**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0530007**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **DALE HOLLOW HWY.**
 CROSSING: **OBEY RIVER**
 LOCATION: **LEAVE CELINA CITY LIMITS**

COUNTY: **CLAY**
 ROUTE: **SR053**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **8.89**
 SUFFICIENCY RATING: **78.4**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.54082 DEGREES**
 (17a,b) LONGITUDE: **W 85.48795 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **STEEL CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**
 (45) NUMBER OF MAIN SPANS: **3**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **CONCRETE CAST-IN-PLACE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **ASPHALT**
 B) TYPE MEMBRANE: **PREFORMED FABRIC**
 C) TYPE PROTECTION: **NONE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **145.0 FT**
 (49) TOTAL BRIDGE LENGTH: **357.9 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **47.9 FT**
 (52) BRIDGE OUT TO OUT WIDTH: **49.9 FT**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **47.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **0 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **47.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NAVIGATION CONTROLLED WATERWAY**
 (39) NAVIGATION VERTICAL CLEARANCE: **12.8 FT**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **153.9 FT**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **7**
 (59) SUPERSTRUCTURE: **6**
 (60) SUBSTRUCTURE: **7**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **N**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **WEIGHT POSTED**

APPRAISAL

(67) STRUCTURAL EVALUATION: **6**
 (68) DECK GEOMETRY: **9**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **110N**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **OTHER STRUCTURAL WORK**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/9/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **05/2017**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **Y60**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0530009**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **DALE HOLLOW HWY.**
 CROSSING: **NEELEY CREEK**
 LOCATION: **1.06 MI.EAST OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR053**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **10.00**
 SUFFICIENCY RATING: **79.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.54388 DEGREES**
 (17a,b) LONGITUDE: **W 85.47112 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **NOT APPLICABLE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **NOT APPLICABLE**
 B) TYPE MEMBRANE: **NOT APPLICABLE**
 C) TYPE PROTECTION: **NOT APPLICABLE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1975**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **30.8 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **49.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **45 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **49.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **6**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **7**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **NONN**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **NOT APPLICABLE**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **N/A**
 (94) BRIDGE IMPROVEMENT COST:
 (95) ROADWAY IMPROVEMENT COST:
 (96) TOTAL PROJECT COST:
 (97) YEAR OF IMPROVEMENT COST ESTIMATE:

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **4/30/2018**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

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PUBLICATION DATE

19-Mar-20

NATIONAL BRIDGE INVENTORY TENNESSEE INVENTORY AND APPRAISAL REPORT



BRIDGE ID NUMBER: **14SR0530011**
 BRIDGE OWNER: **STATE OF TENNESSEE**
 FIPS CODE: **00000**
 ROAD NAME: **DALE HOLLOW HWY.**
 CROSSING: **BRANCH**
 LOCATION: **1.56 MI.EAST OF CELINA**

COUNTY: **CLAY**
 ROUTE: **SR053**
 SPECIAL CASE: **0**
 COUNTY SEQUENCE: **1**
 LOG MILE: **10.49**
 SUFFICIENCY RATING: **79.7**

IDENTIFICATION

(16a,b) LATITUDE: **N 36.54567 DEGREES**
 (17a,b) LONGITUDE: **W 85.46295 DEGREES**
 (98a) BORDER BRIDGE STATE CODE: **N/A**
 (98b) PERCENT SHARE: **N/A**
 (99) BORDER BRIDGE NUMBER: **NOT APPLICABLE**

BRIDGE TYPE AND MATERIAL

(43a) MAIN SPAN MATERIAL: **CONCRETE CONTINUOUS**
 (44a) APPR SPAN MATERIAL: **NOT APPLICABLE**

(45) NUMBER OF MAIN SPANS: **2**
 (46) NUMBER OF APPROACH SPANS: **0**
 (107) TYPE OF DECK: **NOT APPLICABLE**
 (108) TYPE OF WEARING SURFACE AND DECK PROTECTION:
 A) TYPE OF SURFACE: **NOT APPLICABLE**
 B) TYPE MEMBRANE: **NOT APPLICABLE**
 C) TYPE PROTECTION: **NOT APPLICABLE**

AGE AND SERVICE

(27) YEAR THE BRIDGE WAS BUILT: **1988**
 (106) YEAR THE BRIDGE WAS REHABILITATED: **N/A**
 (42a) SERVICE ON BRIDGE: **HIGHWAY**
 (42b) UNDER BRIDGE: **WATERWAY**
 (28a) NUMBER OF LANES CARRIED BY BRIDGE: **2**
 (28b) NUMBER OF LANES UNDER THE BRIDGE: **0**

GEOMETRIC DATA

(48) MAXIMUM SPAN LENGTH: **9.8 FT**
 (49) TOTAL BRIDGE LENGTH: **121.1 FT**
 (50a) LEFT SIDEWALK WIDTH: **0.0 FT**
 (50b) RIGHT SIDEWALK WIDTH: **0.0 FT**
 (51) BRIDGE CURB TO CURB WIDTH: **UNDER FILL**
 (52) BRIDGE OUT TO OUT WIDTH: **UNDER FILL**
 (32) APPROACH ROADWAY (W/ SHLDS) WIDTH: **47.9 FT**
 (33) BRIDGE MEDIAN: **NO MEDIAN**
 (34) BRIDGE SKEW: **33 DEGREES**
 (35) BRIDGE FLARE: **NO FLARE**
 (520) MIN VERTICAL CLEARANCE OVER RD: **NO RESTRICTION**
 (47) MIN HORIZONTAL CLEARANCE ON ROADWAY: **47.9 FT**
 (54a) VERT UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (54b) MIN VERTICAL UNDERCLEARANCE: **NOT APPLICABLE**
 (55a) HORZ UNDERCLR: **NOT A HIGHWAY OR RAILROAD**
 (55b) MIN HORZ UNDERCLR ON RIGHT: **NOT APPLICABLE**
 (56) MIN HORZ UNDERCLR ON LEFT: **NOT APPLICABLE**

NAVIGATION DATA

(38) NAV CONTROL: **NO NAVIGATION CONTROL**
 (39) NAVIGATION VERTICAL CLEARANCE: **N/A**
 (116) LIFT BRIDGE VERT CLEARANCE: **N/A**
 (40) NAVIGATION HORZ CLEARANCE: **N/A**

CLASSIFICATION

(112) MEETS NBIS BRIDGE LENGTH: **YES**
 (104) NATIONAL HIGHWAY SYSTEM: **NOT A NHS ROUTE**
 (26) FUNCTIONAL CLASS: **RURAL ARTERIAL**
 (101) PARALLEL BRIDGE: **NO PARALLEL BRIDGE**
 (102) TRAFFIC DIR: **2-WAY TRAFFIC**
 (103) TEMPORARY BRIDGE: **NOT APPLICABLE**
 (110) NATIONAL TRUCK ROUTE: **NOT ON TRUCK NETWORK**
 (37) HISTORICAL CLASS: **HISTORICAL SIGNIFICANCE HAS NOT BEEN DETERMINED**

CONDITION RATINGS

(58) DECK: **N**
 (59) SUPERSTRUCTURE: **N**
 (60) SUBSTRUCTURE: **N**
 (61) STREAM CHANNEL AND CHANNEL PROTECTION: **7**
 (62) CULVERT CONDITION (IF APPLICABLE): **7**

DESIGN LOAD AND WEIGHT POSTING

(31) DESIGN LOADING: **HS-20-44**
 WEIGHT POSTING (2 AXLE VEHICLES): **ALL LEGAL LOADS**
 WEIGHT POSTING (3 OR MORE AXLES): **ALL LEGAL LOADS**
 (70) BRIDGE POSTING CODE: **5**
 (41) WT POSTING STATUS: **OPEN**

APPRAISAL

(67) STRUCTURAL EVALUATION: **7**
 (68) DECK GEOMETRY: **N**
 (69) UNDERCLEARANCE RATING: **N**
 (71) WATERWAY ADEQUACY: **8**
 (72) APPROACH ROADWAY ALIGNMENT: **8**
 (36) TRAFFIC SAFETY FEATURES: **ONON**
 (113) SCOUR CONDITION RATING: **8**

RECOMMENDED IMPROVEMENTS

(75) TYPE OF WORK: **BRIDGE REHABILITATION**
 (76) LENGTH OF BRIDGE IMPROVEMENT: **121.1 FT**
 (94) BRIDGE IMPROVEMENT COST: **\$672,000.00**
 (95) ROADWAY IMPROVEMENT COST: **\$68,000.00**
 (96) TOTAL PROJECT COST: **\$1,009,000.00**
 (97) YEAR OF IMPROVEMENT COST ESTIMATE: **2018**

INSPECTION DATES

(90) DATE OF LAST REGULAR INSPECTION: **3/4/2020**
 (91) REGULAR INSPECTION FREQUENCY (MONTHS): **24**
 (93b) DATE OF LAST UNDERWATER INSP (MO/YR): **N/A**
 (92b) UNDERWATER INSP FREQUENCY (MONTHS): **N**
 (93c) DATE OF SPECIAL INSPECTION (MO/YR): **N/A**
 (92c) SPECIAL INSP FREQUENCY (MONTHS): **N**

PUBLICATION DATE

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